



CONNECTICUT STATE DEPARTMENT OF EDUCATION

2022

Connecticut NAEP Math and Reading Results

October 24, 2022

EMBARGOED UNTIL MONDAY, OCTOBER 24, AT 12:01 AM

The **National Assessment of Educational Progress (NAEP)**, a program of the U.S. Department of Education, is the largest nationally representative assessment of what American students know and are able to do in a variety of subjects.

The results from NAEP, often called “**The Nation’s Report Card,**” report the educational progress of students across the nation and allow states to compare the performance of their students to the performance of students in other states throughout the country.

Since NAEP selects a representative sample of students to be assessed rather than testing all students, NAEP does not report results for individual schools or students. However, NAEP reports do provide extensive details around the performance of student groups in every state over time, as well as achievement differences between groups.



Connecticut NAEP 2022 Performance in Math and Reading

- Achievement results for students in Grades 4 and 8 in mathematics and reading declined when compared to performance in 2019.
- Connecticut Grade 4 student performance is not different than the nation in math or reading.
- Connecticut Grade 8 students earned higher scores than their peers across the nation in math and reading.



Note: All references to the “nation” are to the National Public (NP) results.

National Results

*Summary of changes from 2019 to 2022 across all jurisdictions
(50 states, District of Columbia, Department of Defense, and Puerto Rico for mathematics only)*

MATHEMATICS

- **National Public Schools:** The average scale score in Grades 4 and 8 declined.
- **Connecticut:** The average scale score in Grades 4 and 8 declined.

READING

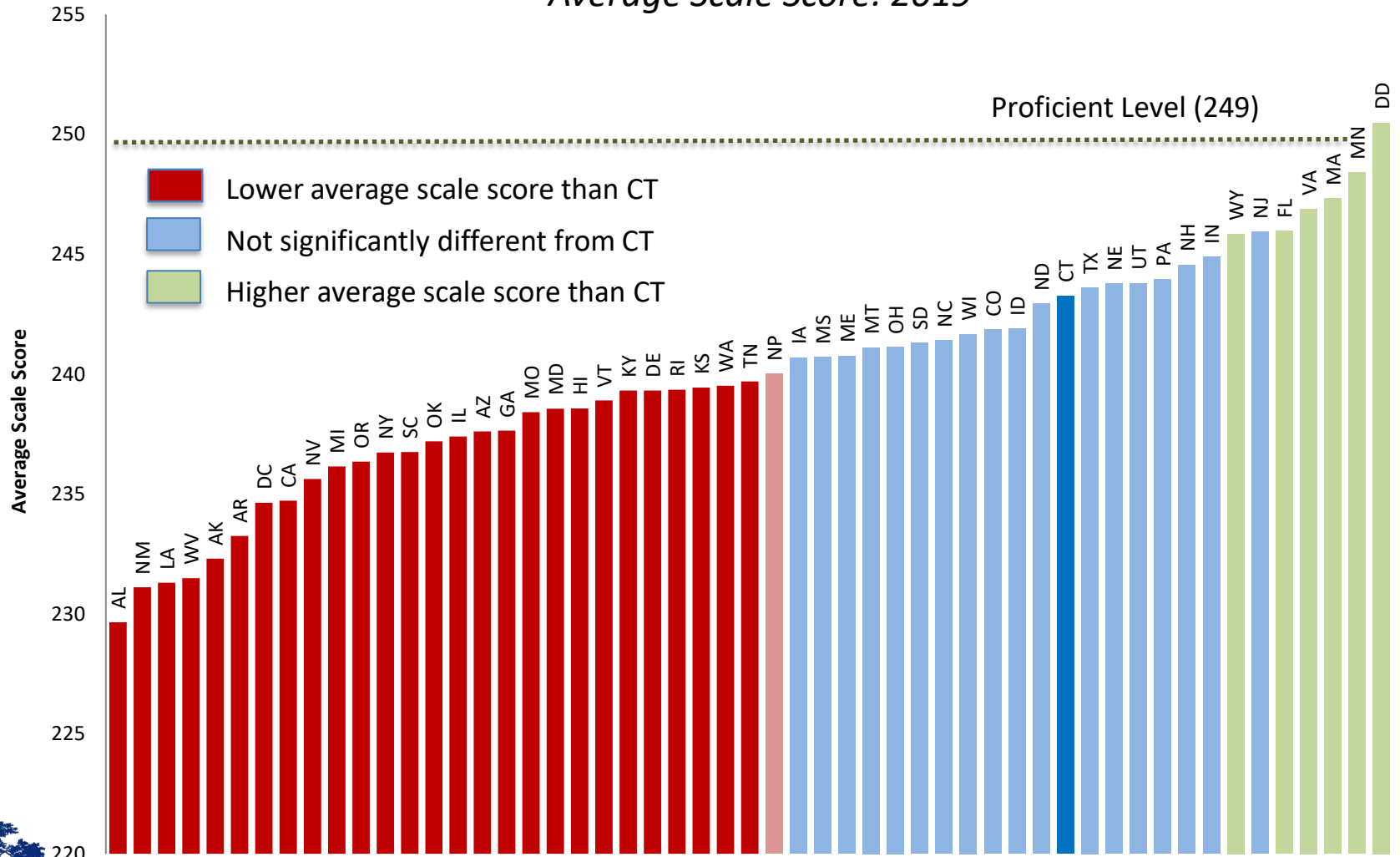
- **National Public Schools:** The average scale score in Grades 4 and 8 declined.
- **Connecticut:** The average scale scores in Grades 4 and 8 declined.

	MATHEMATICS			READING	
	Grade 4	Grade 8		Grade 4	Grade 8
↑	0	0		0	1 (DD)
↓	43	51		30	33
=	10	2 (UT, DD)		22	18



Connecticut NAEP 2019 Performance Relative to Other States

NAEP Mathematics Grade 4 – Overall Average Scale Score: 2019



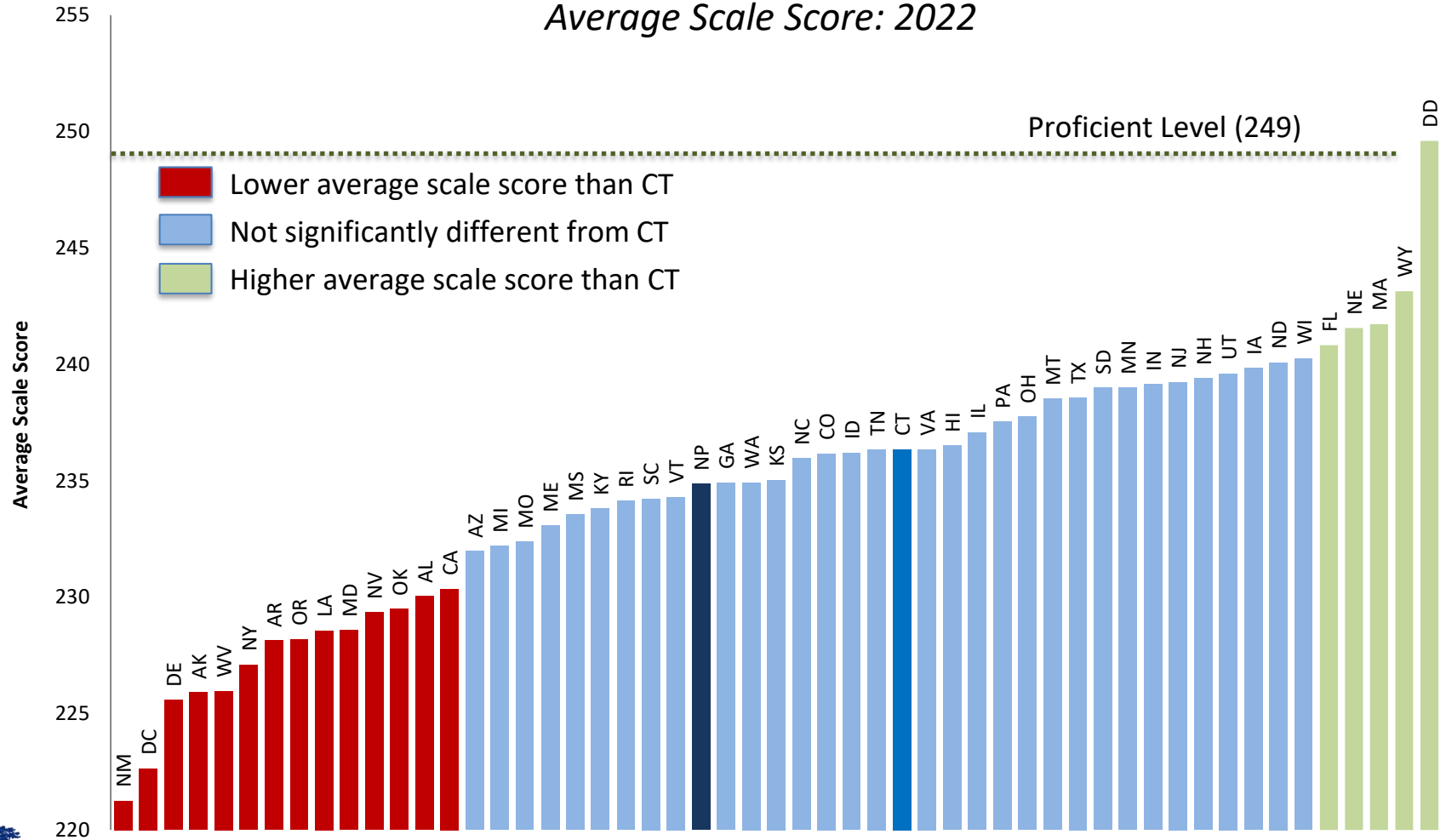
NOTE: The NAEP grade 4 mathematics scale ranges from 0 to 500.



Connecticut NAEP 2022 Performance Relative to Other States

NAEP Mathematics Grade 4 – Overall

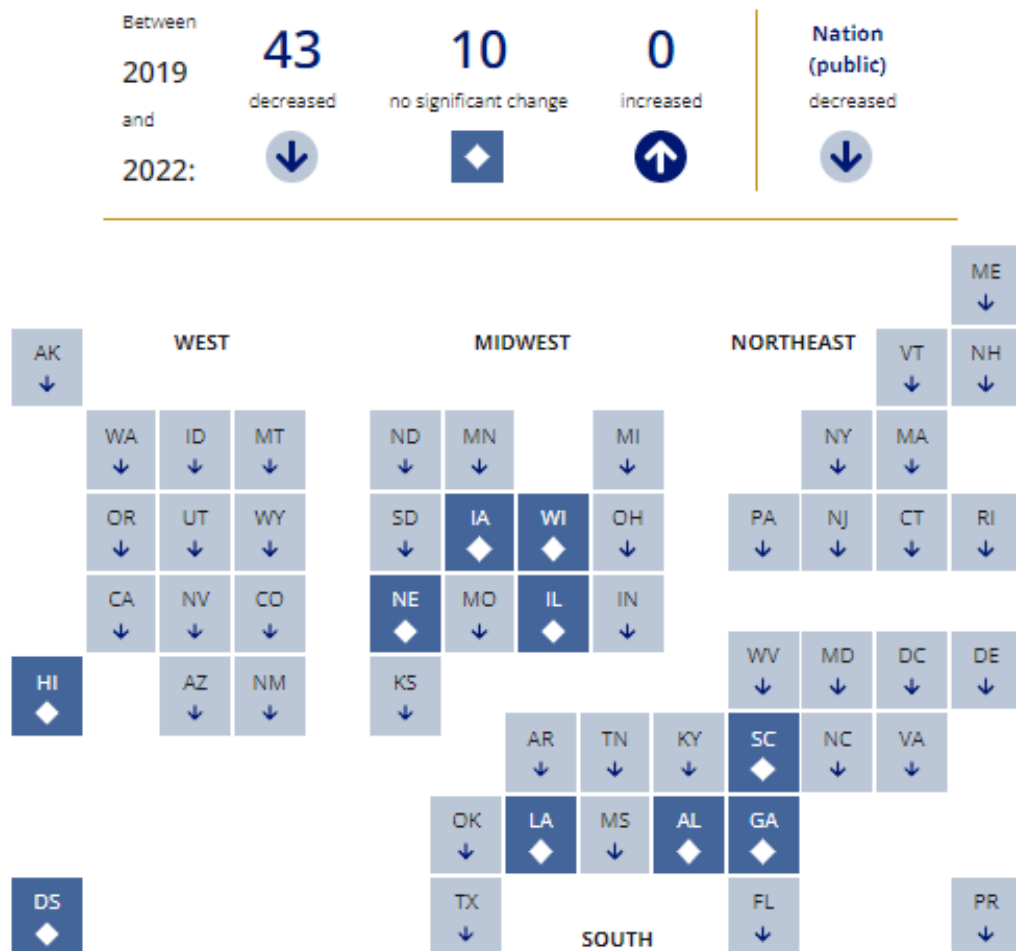
Average Scale Score: 2022



NOTE: The NAEP grade 4 mathematics scale ranges from 0 to 500.



Grade 4 Mathematics Declined Across All Regions

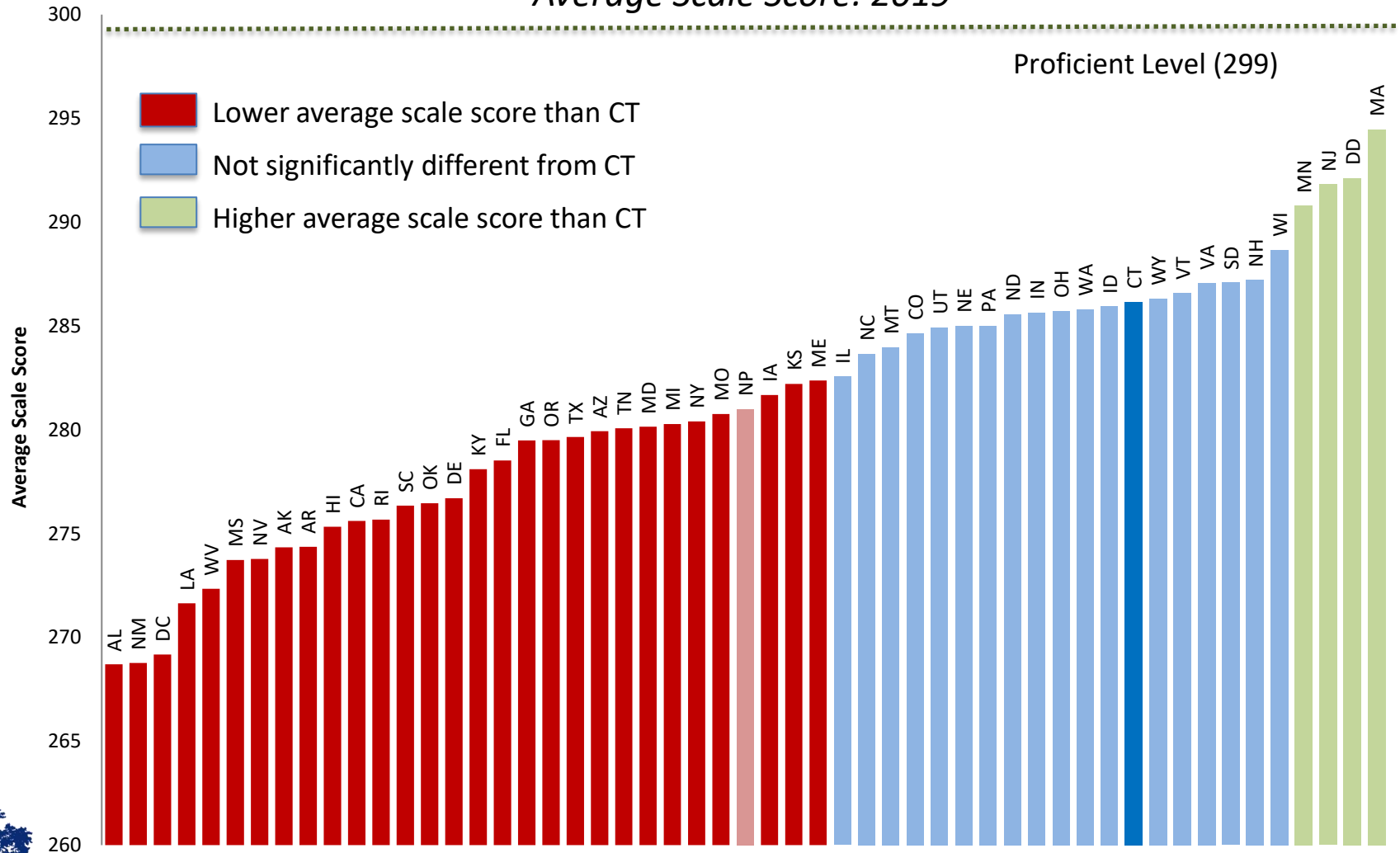


NOTE: DS = Department of Defense Education Activity (DoDEA), a federally operated nonpublic school system responsible for educating children of military families. See more about [DoDEA](#).



Connecticut NAEP 2019 Performance Relative to Other States

NAEP Mathematics Grade 8 – Overall Average Scale Score: 2019



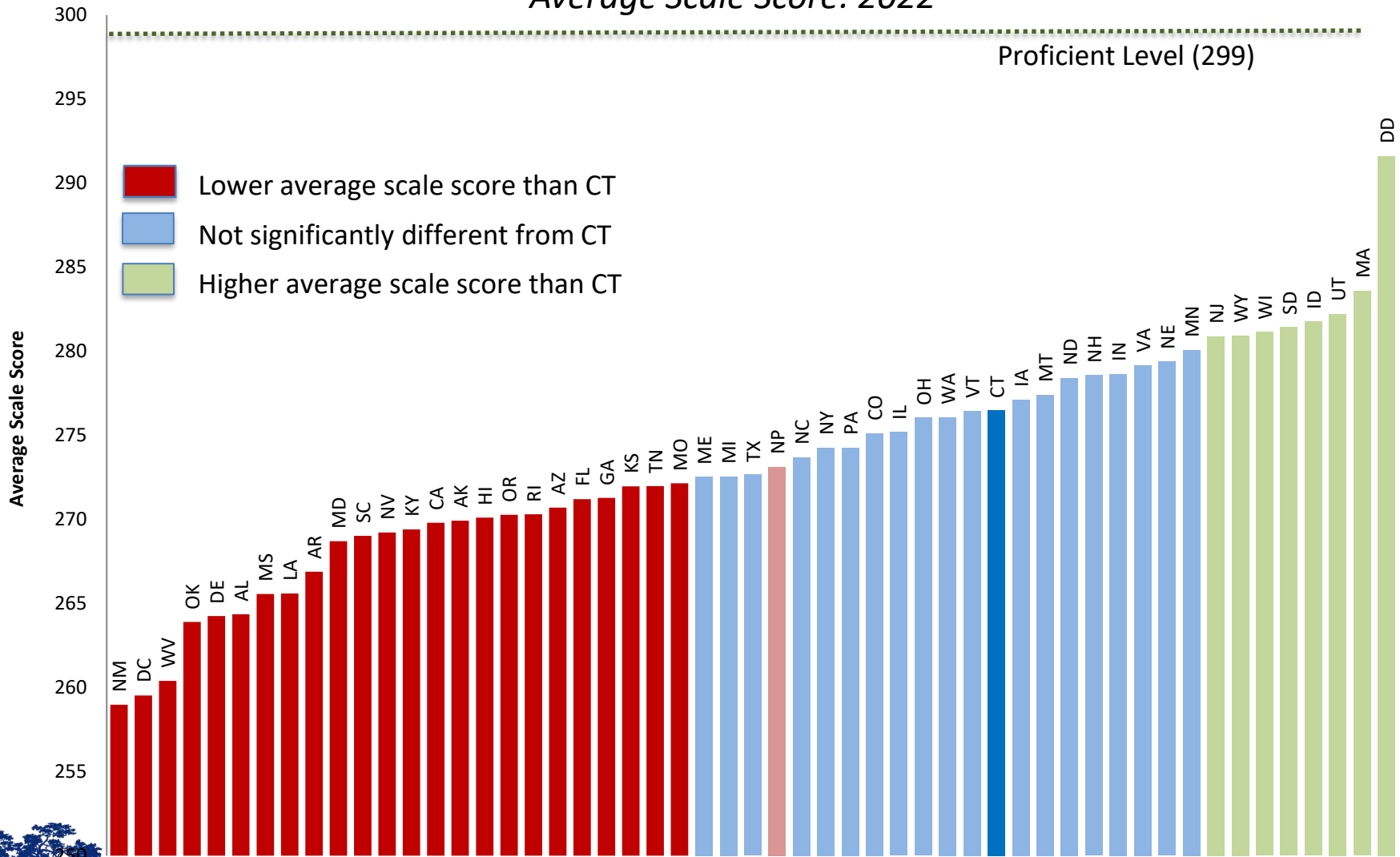
NOTE: The NAEP grade 8 mathematics scale ranges from 0 to 500.



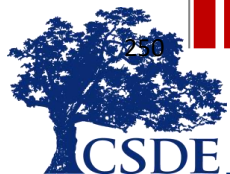
Connecticut NAEP 2022 Performance Relative to Other States

NAEP Mathematics Grade 8 – Overall

Average Scale Score: 2022



NOTE: The NAEP grade 8 mathematics scale ranges from 0 to 500.



Grade 8 Mathematics Declined Across All Regions



NOTE: DS = Department of Defense Education Activity (DoDEA), a federally operated nonpublic school system responsible for educating children of military families. See more about [DoDEA](#).

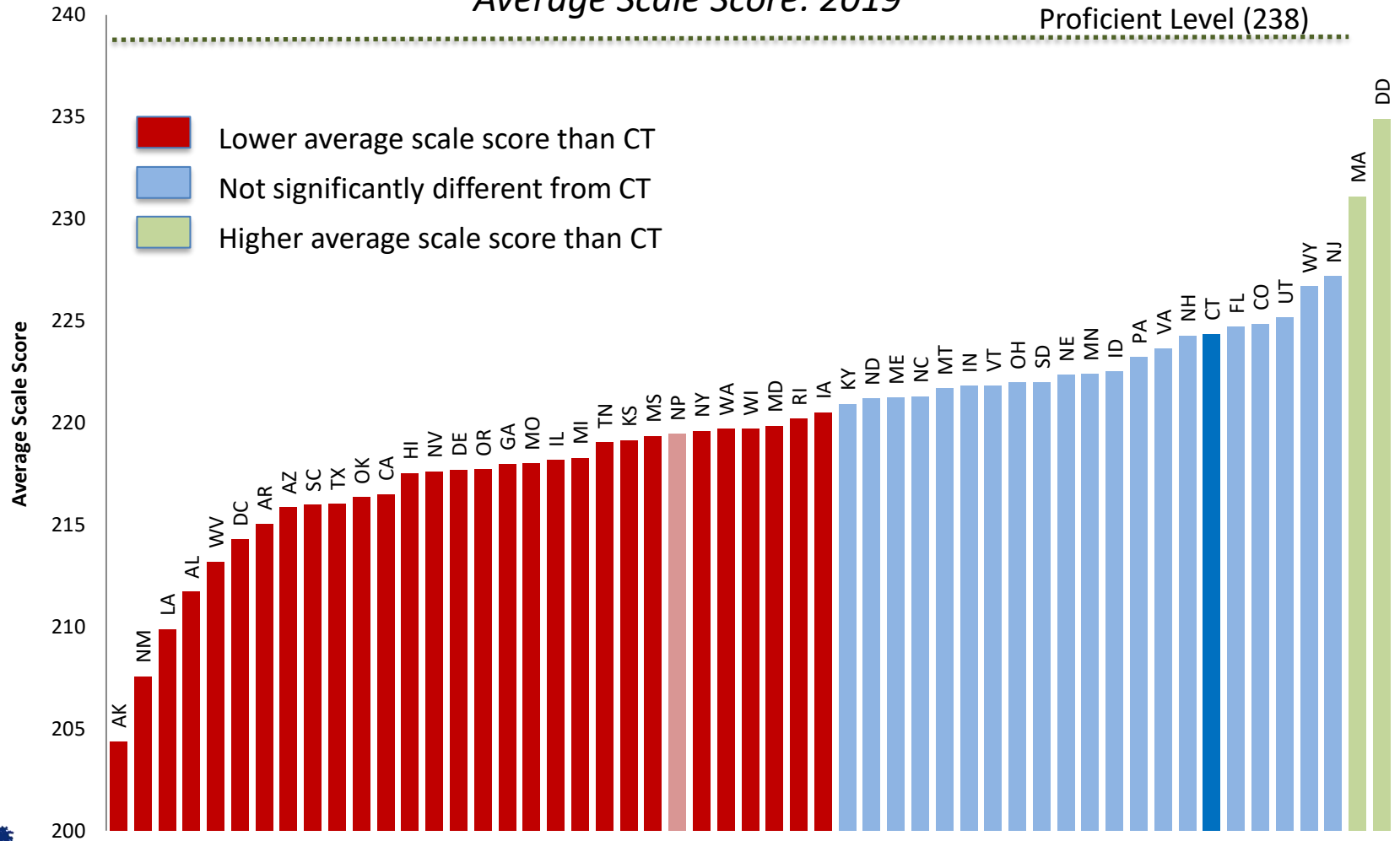


Connecticut NAEP 2019 Performance Relative to Other States

NAEP Reading Grade 4 – Overall

Average Scale Score: 2019

Proficient Level (238)



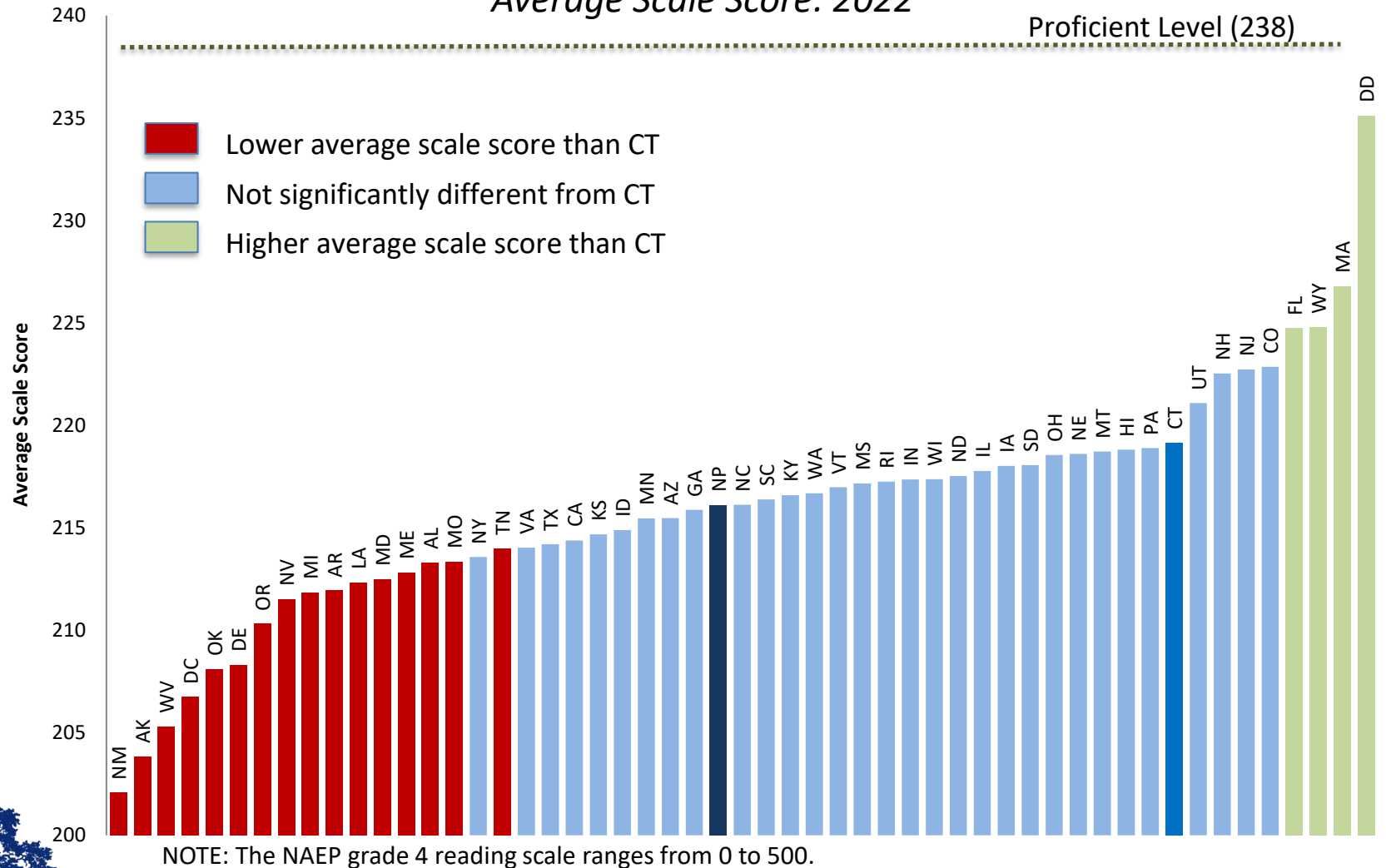
NOTE: The NAEP grade 4 reading scale ranges from 0 to 500.



Connecticut NAEP 2022 Performance Relative to Other States

NAEP Reading Grade 4 – Overall

Average Scale Score: 2022



Grade 4 Reading Declined Across All Regions



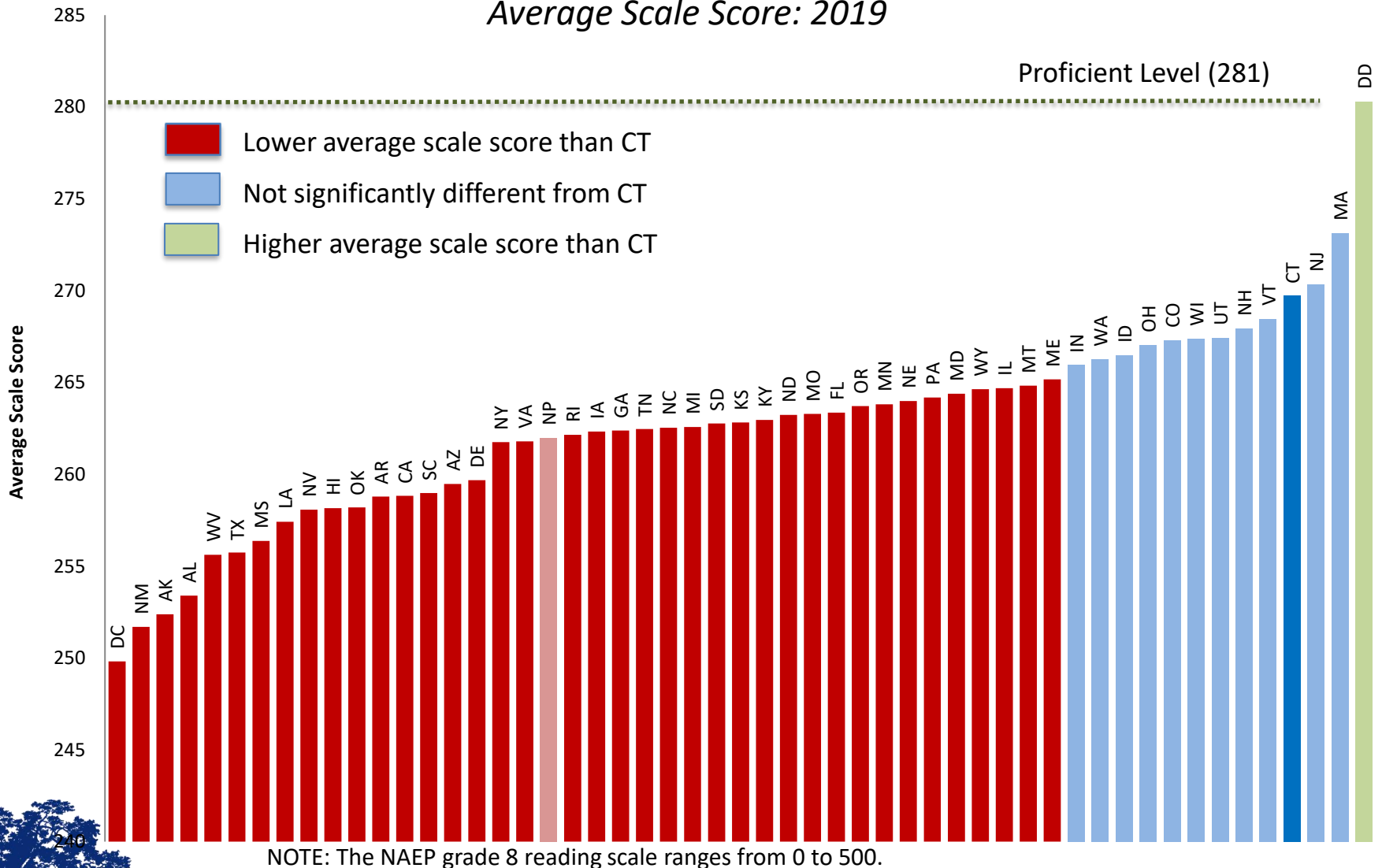
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Connecticut NAEP 2019 Performance Relative to Other States

NAEP Reading Grade 8 – Overall

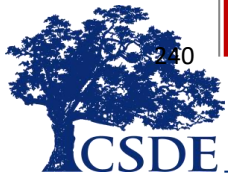
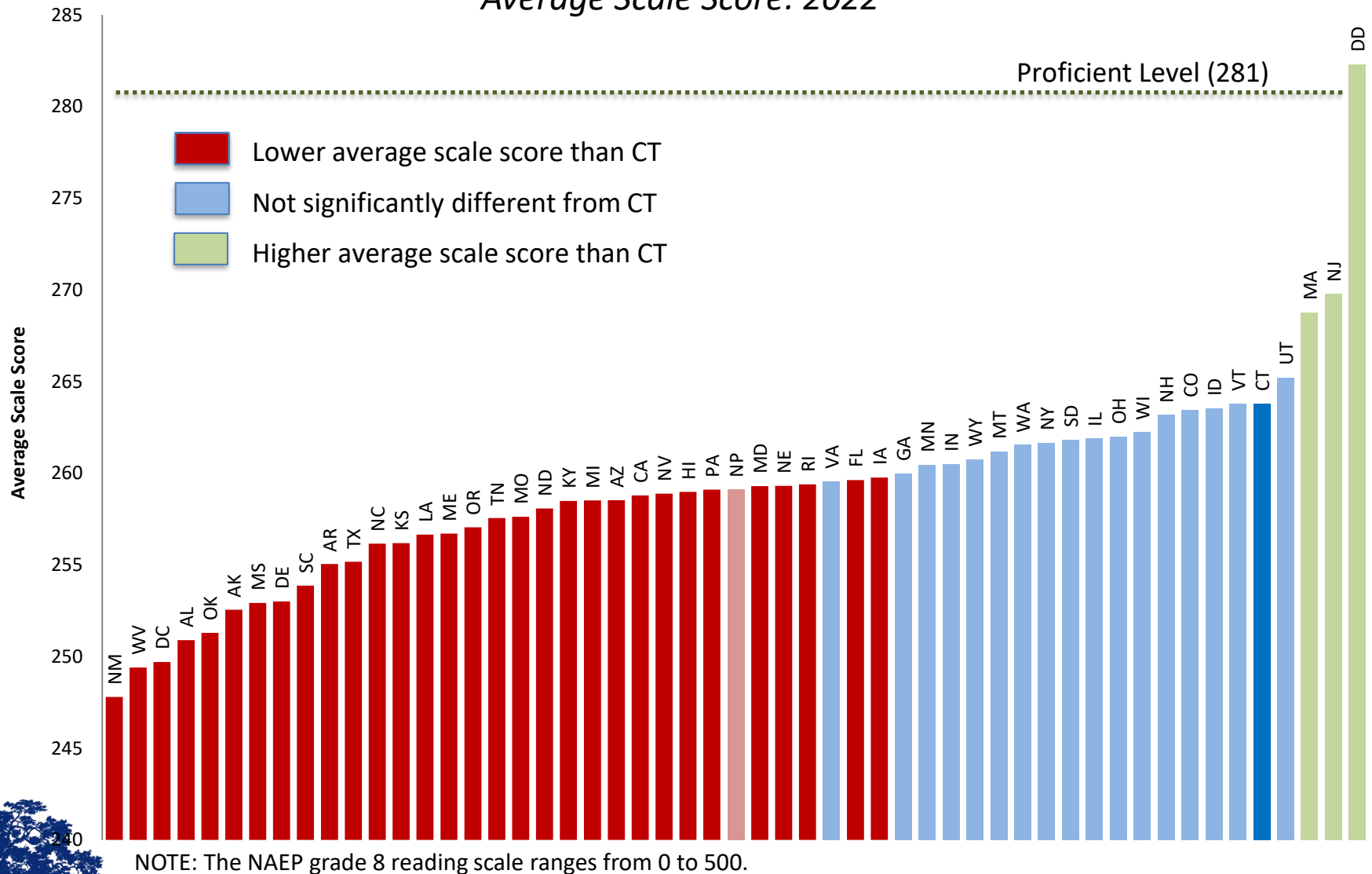
Average Scale Score: 2019



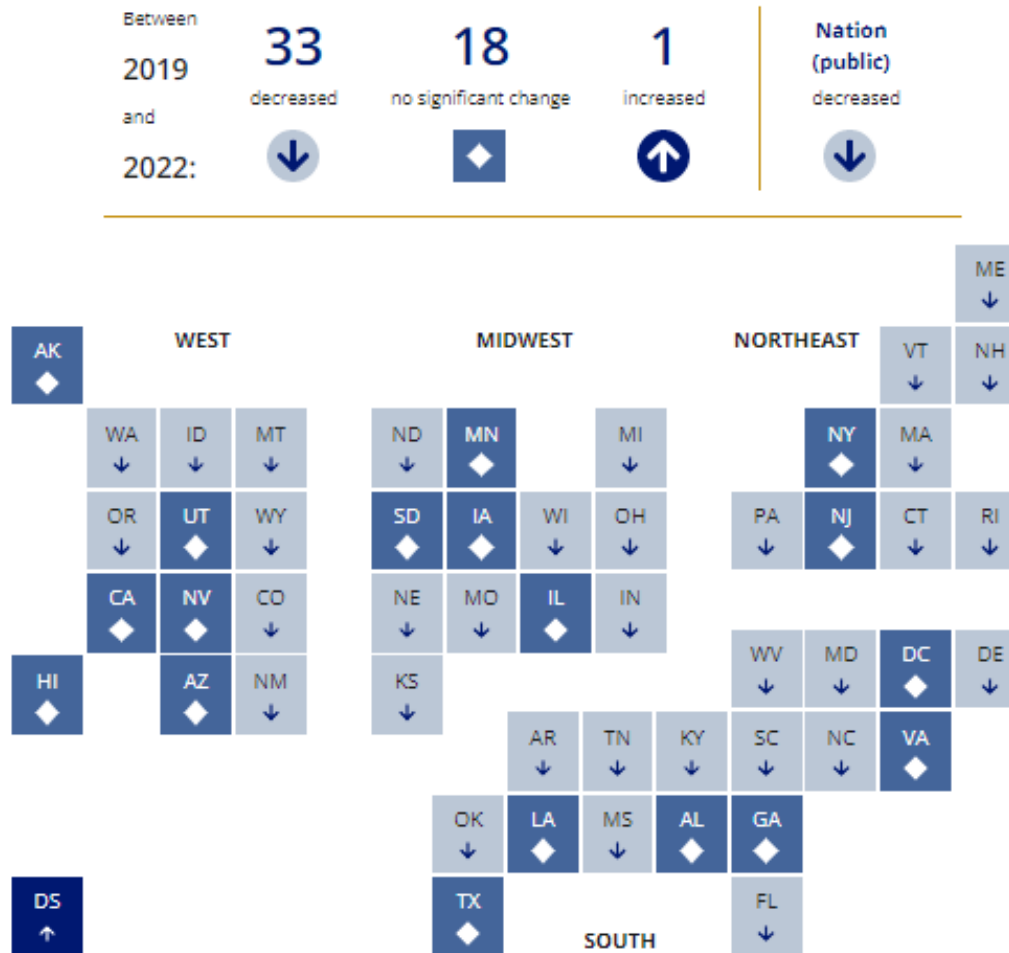
Connecticut NAEP 2022 Performance Relative to Other States

NAEP Reading Grade 8 – Overall

Average Scale Score: 2022



Grade 8 Reading Declined Across 3 of 4 Regions



NOTE: DS = Department of Defense Education Activity (DoDEA), a federally operated nonpublic school system responsible for educating children of military families. See more about [DoDEA](#).



NAEP 2022 Mathematics Student Group Results: Comparison of Connecticut to the Nation (NP)

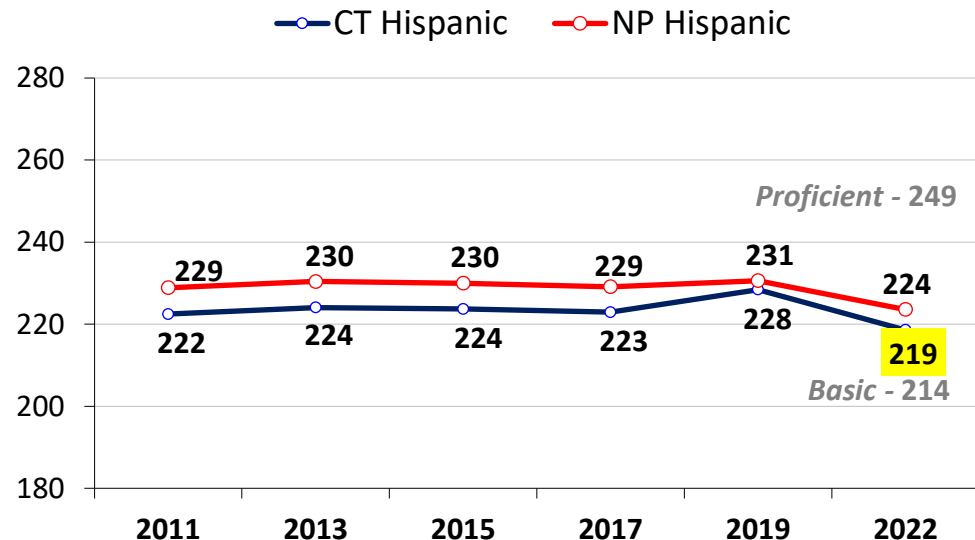
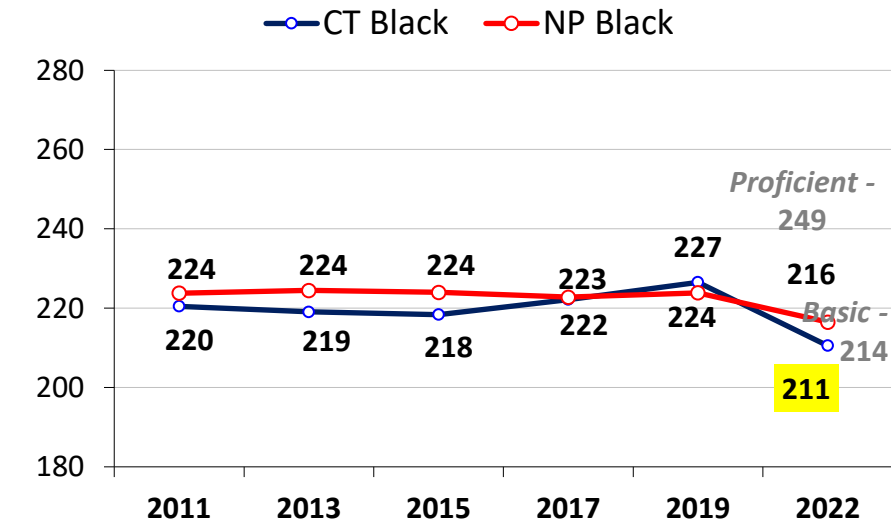
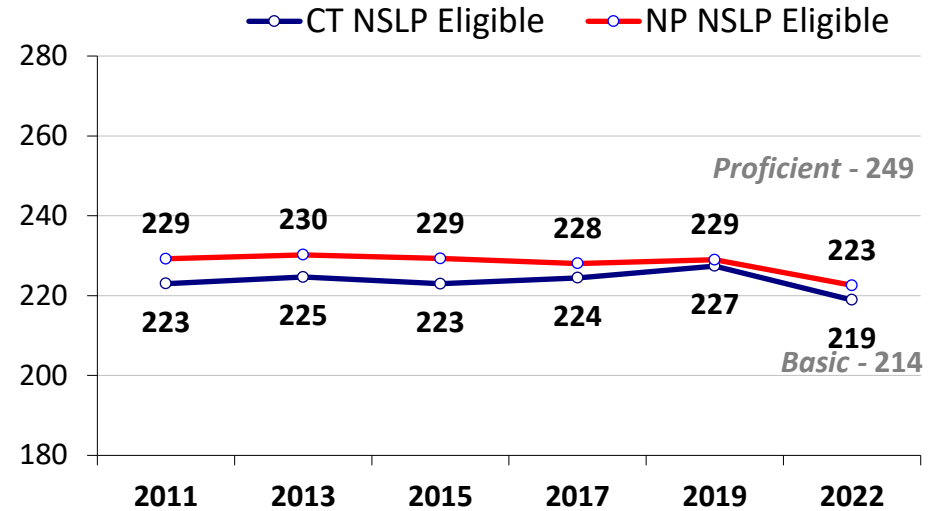
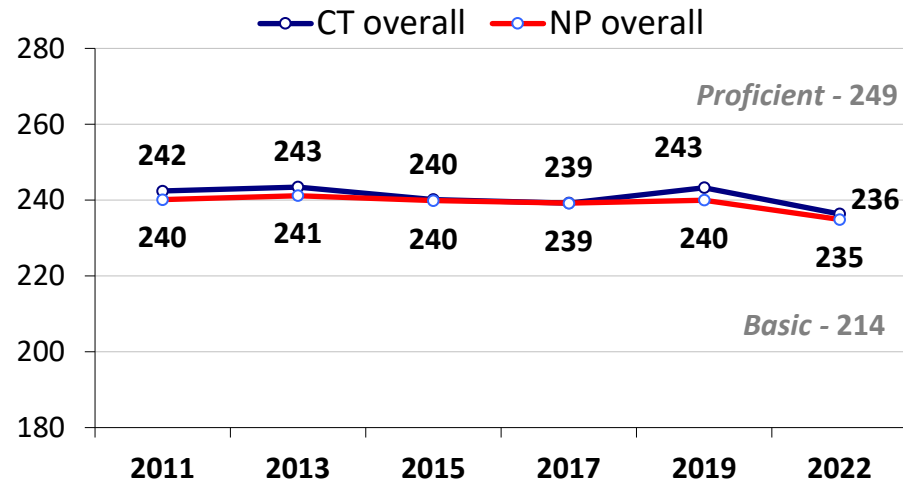
	Grade 4			Grade 8		
	CT Avg. SS	NP Avg. SS	CT Compared to NP*	CT Avg. SS	NP Avg. SS	CT Compared to NP*
All	236	235	=	276	273	↑
White	248	245	↑	290	284	↑
Black	211	216	↓	249	252	=
Hispanic	219	224	↓	257	261	=
Asian/Pacific Islander	260	257	=	314	304	=
NSLP ¹	219	223	=	256	260	=
Students with Disabilities (IEP only)	207	209	=	238	238	=
English Learners	210	215	↓	229	241	↓

NSLP¹ - NSLP is the National School Lunch Program. Eligibility is used as a proxy for measuring poverty.

* An arrow is used when the difference between the scores is statistically significant (see [explanation of statistical significance](#) and why it is used in NAEP reporting).

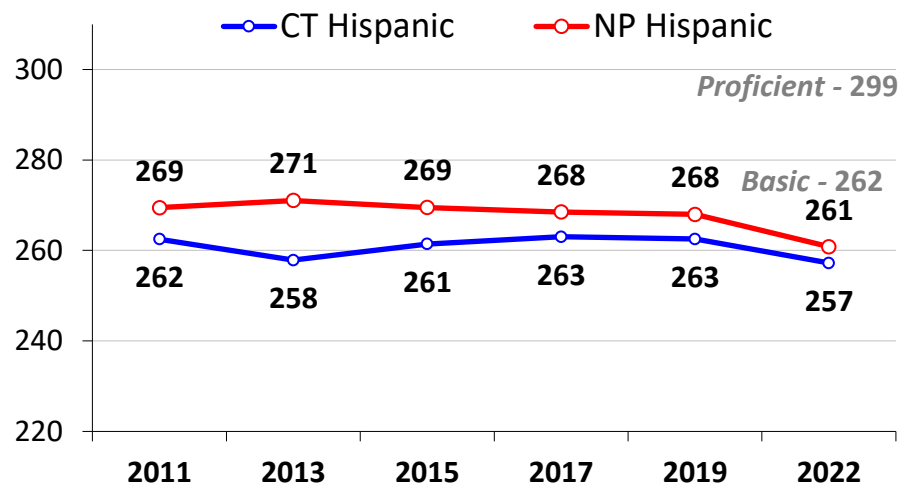
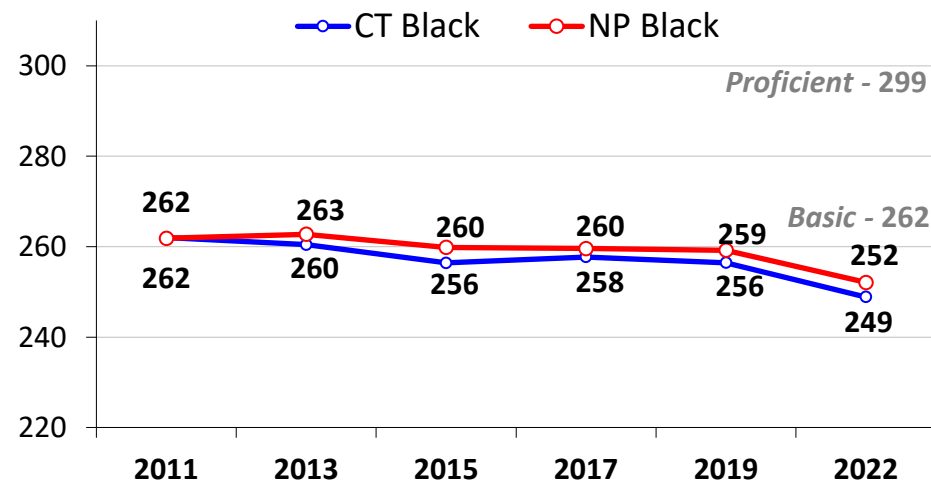
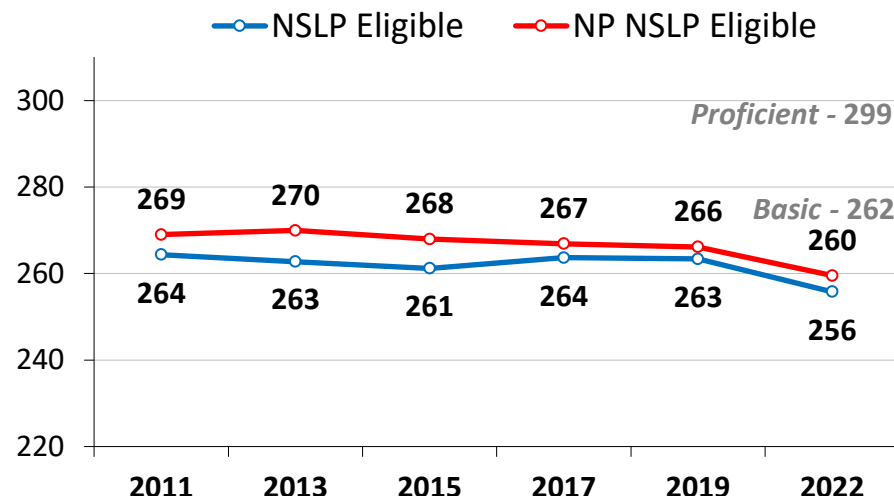
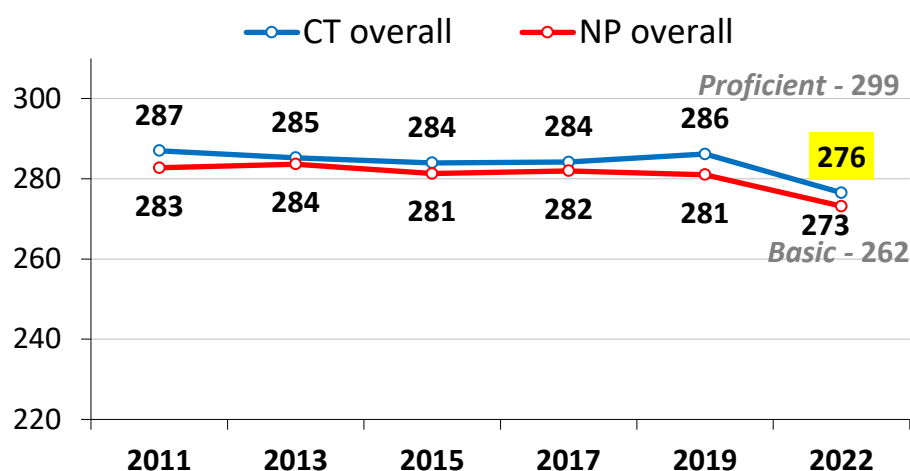


Grade 4 Mathematics Trends: Overall and Student Groups



Connecticut's average scores in 2022 for students who are Black and students who are Hispanic are lower than the national public average scale score for the same student group.

Grade 8 Mathematics Trends: Overall and Student Groups



Connecticut's overall average score in 2022 is higher than the overall score for national public

NAEP 2022 Reading Student Group Results: Comparison of Connecticut to the Nation (NP)

	Grade 4			Grade 8		
	CT Avg. SS	NP Avg. SS	CT Compared to NP*	CT Avg. SS	NP Avg. SS	CT Compared to NP*
All	219	216	=	264	259	↑
White	233	226	↑	275	267	↑
Black	198	198	=	244	243	=
Hispanic	199	204	=	247	250	=
Asian/Pacific Islander	239	238	=	285	281	=
NSLP ¹	201	203	=	248	248	=
Students with Disabilities (IEP only)	180	179	=	230	223	↑
English Learners	190	190	=	214	225	=

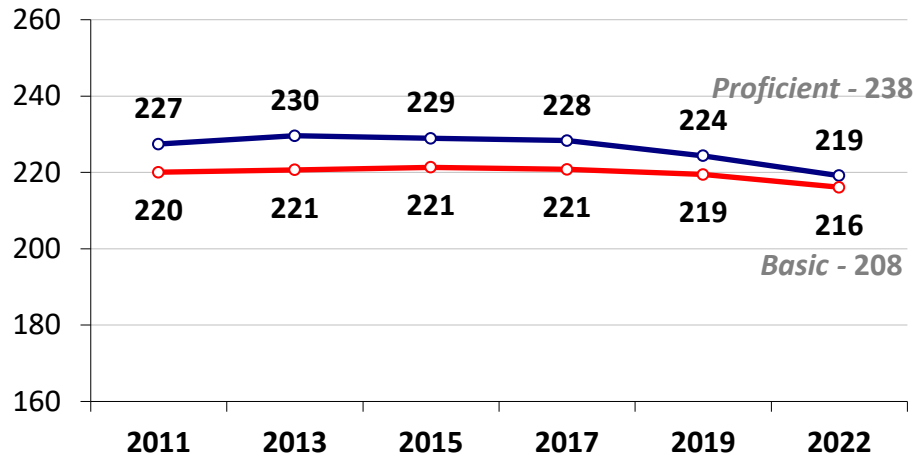
NSLP¹ - NSLP is the National School Lunch Program. Eligibility is used as a proxy for measuring poverty.

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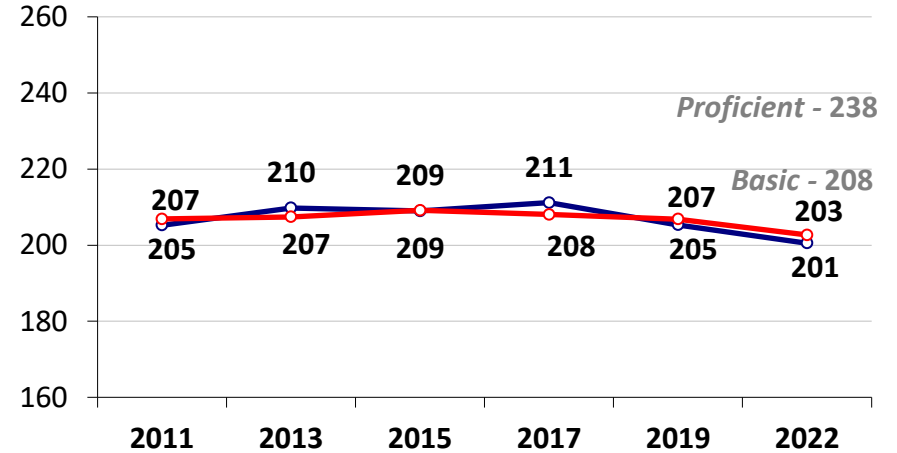


Grade 4 Reading Trends: Overall and Student Groups

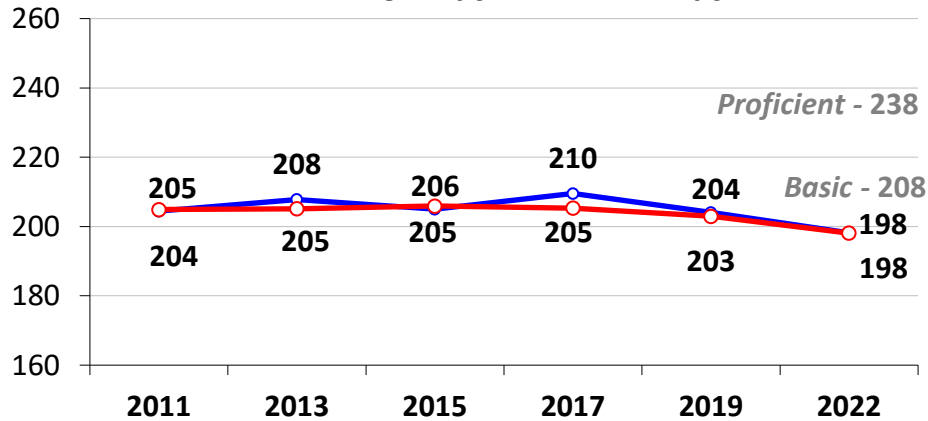
CT overall NP overall



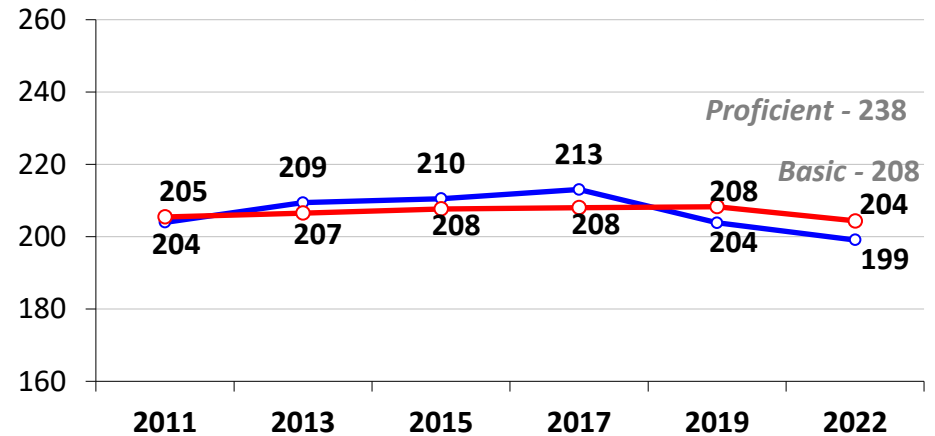
CT NSLP Eligible NP NSLP Eligible



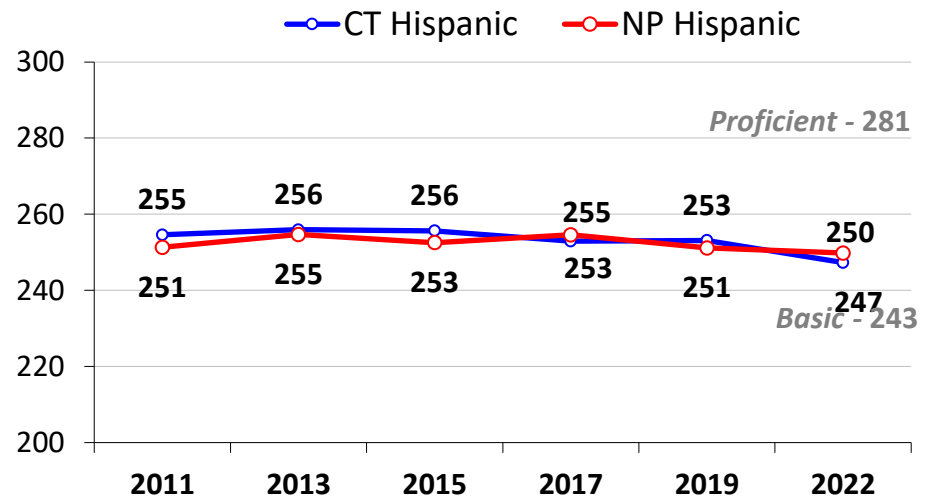
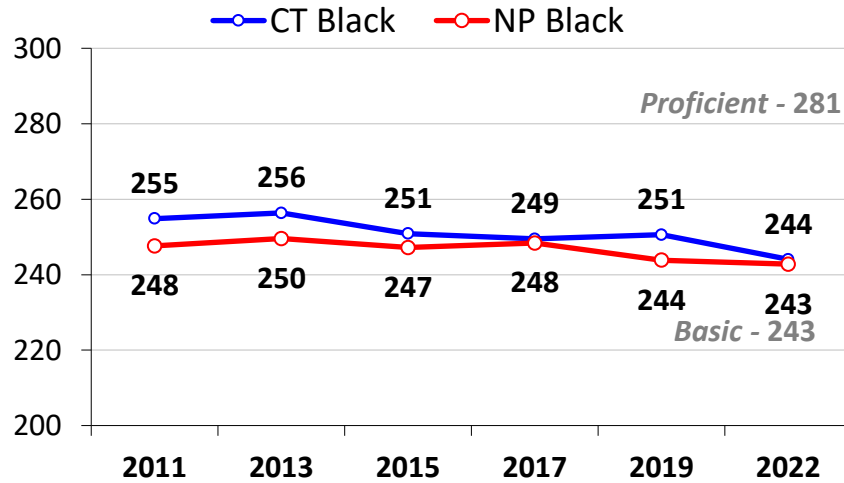
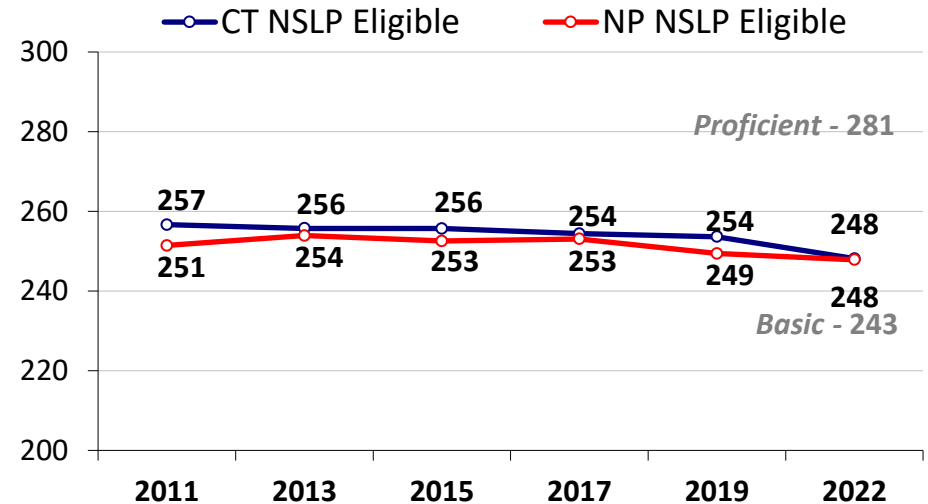
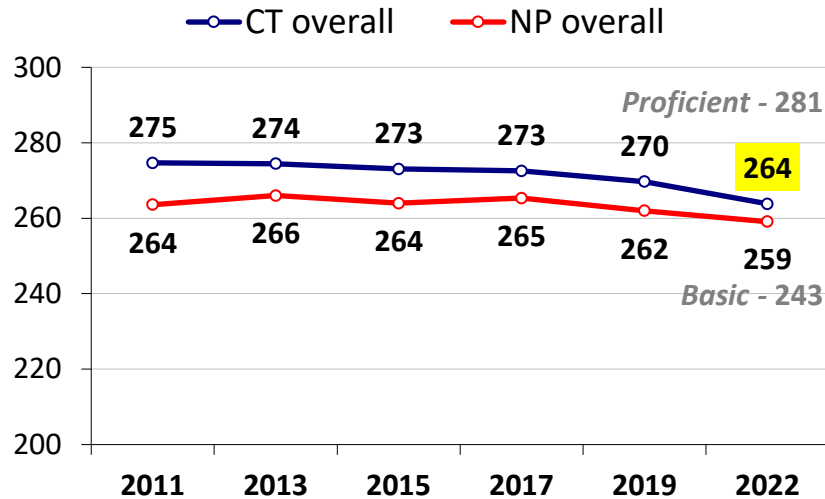
CT Black NP Black



CT Hispanic NP Hispanic



Grade 8 Reading Trends: Overall and Student Groups



Connecticut's overall average score in 2022 is higher than the overall score for national public

Summary

- **Grade 4 Mathematics**
 - Connecticut's achievement overall is not different than the national public school average. Students who are Black, Hispanic, or English learners score lower than their national peers.
 - All states in the Northeast declined.
- **Grade 8 Mathematics**
 - Connecticut's performance declined as did the national public school average and all states in the Northeast.
 - Connecticut students continue to score higher than the national public school average.
- **Grade 4 Reading**
 - Connecticut's performance declined as did the national public school average and most northeastern states.
 - Connecticut's achievement is not different than the national public school average.
- **Grade 8 Reading**
 - Connecticut's performance declined as did the national public school average and most northeastern states.
 - Connecticut students continue to score higher than the national public school average.
- **Continued Investments**
 - To advance learning acceleration and equity in academic recovery, CSDE is making significant investments in a range of projects including summer enrichment, model curricula, behavioral health, learner engagement and attendance, after school programs, etc.

